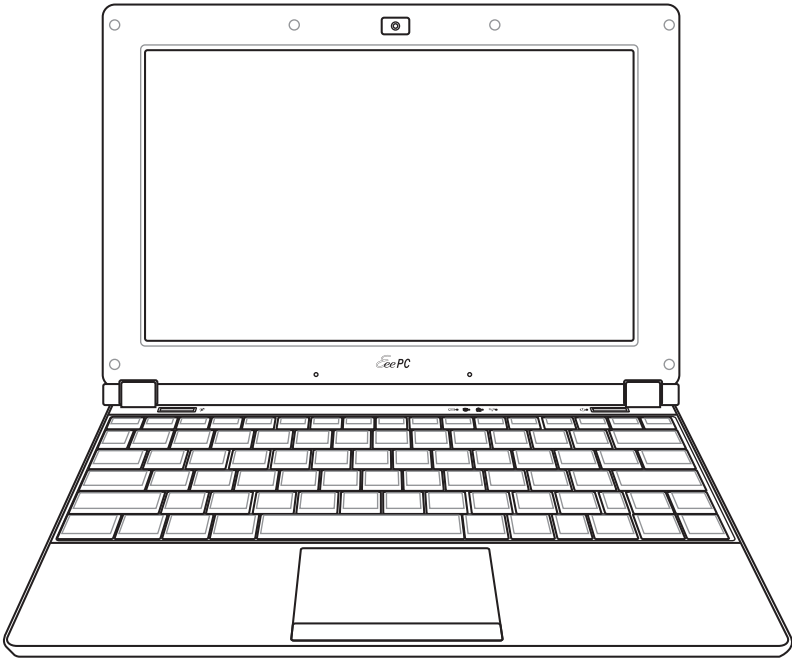
E4652

Eee PC

User Manual

Windows® XP Edition

Eee PC S101



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About This User's Manual

You are reading the Eee PC User's Manual. This User's Manual provides information regarding the various components in the Eee PC and how to use them. The following are major sections of this User's Manual:

1. **Knowing the Parts**
   Provides information on the Eee PC's components.
2. **Getting Started**
   Provides information on getting started with the Eee PC.
3. **Using the Eee PC**
   Provides information on using the Eee PC's utilities.
4. **Support DVD and System Recovery**
   Gives you information on support DVD contents and system recovery.
5. **Appendix**
   Gives you safety statements.

The actual bundled applications differ by models and territories. There may be differences between your Eee PC and the pictures shown in this manual. Please accept your Eee PC as being correct.

Notes for This Manual

A few notes and warnings are used throughout this guide, allowing you to complete certain tasks safely and effectively. These notes have different degrees of importance as follows:

WARNING! Important information that must be followed for safe operation.

IMPORTANT! Vital information that must be followed to prevent damage to data, components, or persons.

TIP: Tips for completing tasks.

NOTE: Information for special situations.

Safety Precautions

The following safety precautions will increase the life of the Eee PC. Follow all precautions and instructions. Except as described in this manual, refer all servicing to qualified personnel. Do not use damaged power cords, accessories, or other peripherals. Do not use strong solvents such as thinners, benzene, or other chemicals on or near the surface.

Disconnect the AC power and remove the battery pack(s) before cleaning. Wipe the Eee PC using a clean cellulose sponge or chamois cloth dampened with a solution of nonabrasive detergent and a few drops of warm water and remove any extra moisture with a dry cloth.

DO NOT place on uneven or unstable work surfaces. Seek servicing if the casing has been damaged.

DO NOT place or drop objects on top and do not shove any foreign objects into the Eee PC.

DO NOT expose to dirty or dusty environments. DO NOT operate during a gas leak.

DO NOT expose to strong magnetic or electrical fields.

DO NOT press or touch the display panel. Do not place together with small items that may scratch or enter the Eee PC.

DO NOT expose to or use near liquids, rain, or moisture. DO NOT use the modem during electrical storms.

DO NOT leave the Eee PC on your lap or any part of the body to prevent discomfort or injury from heat exposure.

Battery safety warning: DO NOT throw the battery in fire. DO NOT short circuit the contacts. DO NOT disassemble the battery.

SAFE TEMP: This Eee PC should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F)

INPUT RATING: Refer to the rating label on the bottom of the Eee PC and be sure that your power adapter complies with the rating.

DO NOT carry or cover a Eee PC that is powered ON with any materials that will reduce air circulation such as a carrying bag.

Incorrect installation of battery may cause explosion and damage the Eee PC.

DO NOT throw the Eee PC in municipal waste. This product has been designed to enable proper reuse of parts and recycling. The symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

DO NOT throw the battery in municipal waste. The symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste.

Transportation Precautions

To prepare your Eee PC for transport, you should turn it OFF and **disconnect all external peripherals to prevent damage to the connectors**. Close the display panel to protect the keyboard and display panel.

The Eee PC's surface is easily dulled if not properly cared for. Be careful not to rub or scrape surfaces when transporting your Eee PC. You can put your Eee PC in a carrying case for protection from dirt, water, shock, and scratches.

Charging Your Batteries

If you intend to use battery power, be sure to fully charge your battery pack and any optional battery packs before going on long trips. Remember that the power adapter charges the battery pack as long as it is plugged into the computer and an AC power source. Be aware that it takes much longer to charge the battery pack when the Eee PC is in use.

Remember to fully charge the battery (8 hours or more) before first use and whenever it is depleted to prolong battery life. The battery reaches its maximmum capacity after a few full charging and discharging cycles.

Airplane Precautions

Contact your airline if you want to use the Eee PC on the airplane. Most airlines have restrictions for using electronic devices. Most airlines allow electronic use only between and not during takeoffs and landings.

There are three main types of airport security devices: X-ray machines (used on items placed on conveyor belts), magnetic detectors (used on people walking through security checks), and magnetic wands (hand-held devices used on people or individual items). You can send your Eee PC and diskettes through airport X-ray machines. However, it is recommended that you do not send your Eee PC or diskettes through airport magnetic detectors or expose them to magnetic wands.

Top Side

Bottom Side

Right Side

Left Side

Rear Side

Keyboard Usage

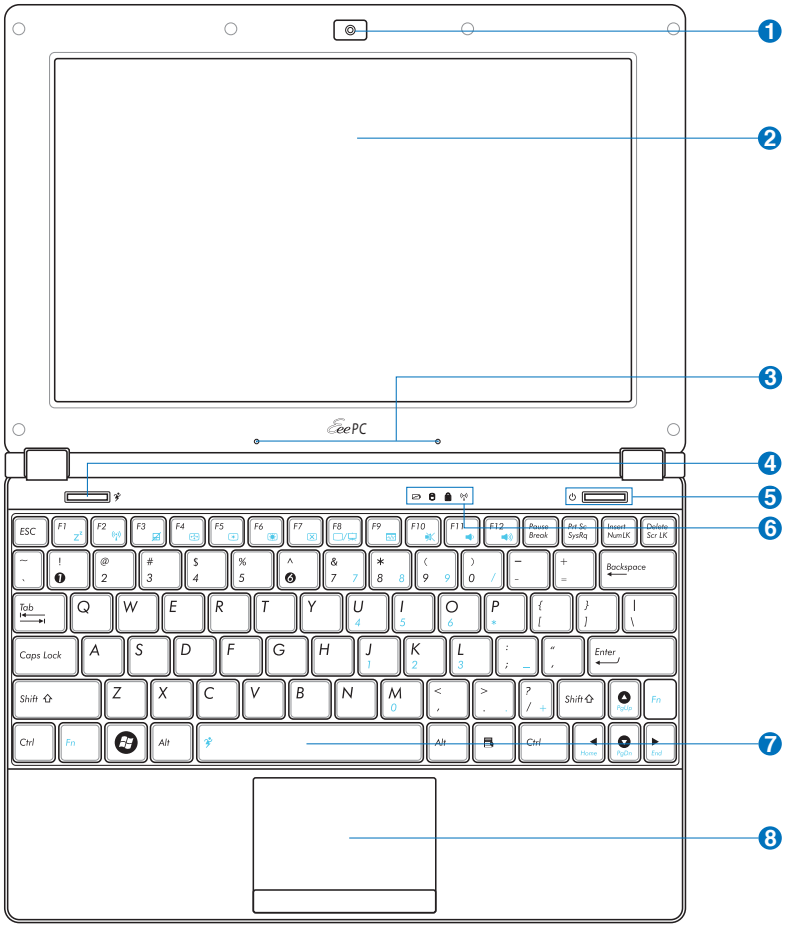
Touchpad Usage

1 Knowing the Parts

Top Side

Refer to the illustration below to identify the components on this side of the Eee PC.

The top side may vary in appearance depending on model.



The keyboard differs for each territory.

1. **Built-in Camera**
2. **Display Panel**
3. **Array Microphone (Built-in)**

   The built-in array microphone is more clear and echo-free compared with traditional single microphones.

4. **Super Hybrid Engine Key**

   Press this key to switch among various power saving modes. The selected mode is shown on the display.

5. **Power Switch**

   The power switch allows powering ON and OFF the Eee PC and recovering from STR. Press the switch once to turn ON and hold it to turn OFF the Eee PC. The power switch only works when the display panel is opened.

   Power Indicator

   The power indicator lights when the Eee PC is turned ON and blinks slowly when the Eee PC is in the Save-to-RAM (Suspend) mode. This indicator is OFF when the Eee PC is turned OFF.

6. **Status Indicators**

   Battery Charge Indicator

   The battery charge indicator (LED) shows the battery charging status as follows:

Powered ON

	AC Mode	Battery Mode
Battery charge is between 100%–80%	Orange ON	Green ON
Battery charge is between 80%–10%	Orange Blinking Slowly	Green Blinking Slowly
Battery charge is less than 10%	Orange Blinking Quickly	Green Blinking Quickly

(Continued on the next page)

Standby Mode / Powered OFF

	AC Mode	Battery Mode
Battery charge is between 100%–80%	Orange ON	Off
Battery charge is between 80%–10%	Orange Blinking Slowly	Off
Battery charge is less than 10%	Orange Blinking Quickly	Off

The Battery Charge Indicator will not light when the battery is removed from your Eee PC.

Storage Device Indicator

The storage device indicator blinks when data is written to or read from the disk drive.

Capital Lock Indicator

Indicates that capital lock [Caps Lock] is activated when lighted.

Wireless/Bluetooth Indicator

This is only applicable on models with built-in wireless LAN/Bluetooth. When the built-in wireless LAN/ Bluetooth is enabled, this indicator lights.

7 Keyboard

The keyboard provides keys with comfortable travel (depth at which the keys can be depressed) and palm rest for both hands.

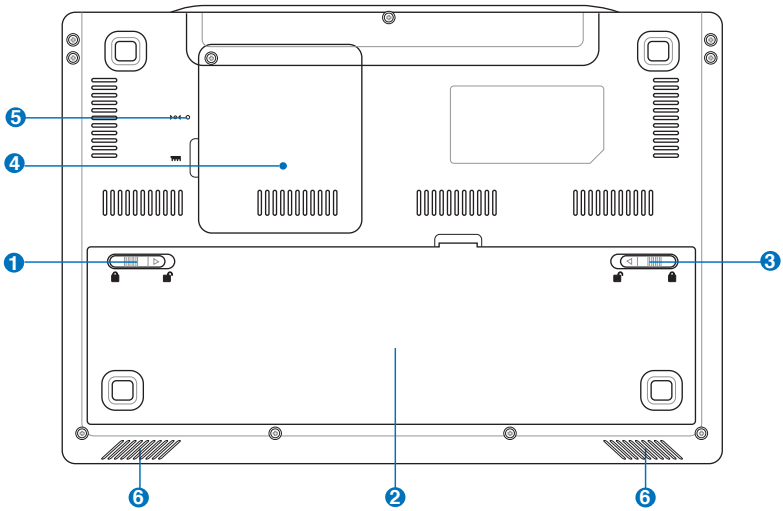
8 Touchpad and Buttons

The touchpad and its buttons comprises a pointing device that provides the same functions as a desktop mouse.

Bottom Side

Refer to the illustration below to identify the components on this side of the Eee PC.

The bottom side may vary in appearance depending on model.



The bottom of the Eee PC can get very hot. Be careful when handling the Eee PC while it is in operation or recently been in operation. High temperatures are normal during charging or operation. DO NOT use on soft surfaces such as beds or sofas, which may block the vents. DO NOT PUT THE Eee PC ON YOUR LAP OR OTHER PARTS OF THE BODY TO AVOID INJURY FROM THE HEAT.

1 Battery Lock - Spring

The spring battery lock keeps the battery pack secure. When the battery pack is inserted, it will automatically lock. When removing the battery pack, this spring lock must be retained in the unlocked position.

❷ Battery Pack

The battery pack is automatically charged when connected to an AC power source and maintains power to the Eee PC when AC power is not connected. This allows use when moving temporarily between locations. Battery time varies by usage and by the specifications for this Eee PC. The battery pack cannot be disassembled and must be purchased as a single unit.

❸ Battery Lock - Manual

The manual battery lock is used to keep the battery pack secured. Move the manual lock to the unlocked position to insert or remove the battery pack. Move the manual lock to the locked position after inserting the battery pack.

❹ Memory Compartment

The memory module is secured in a dedicated compartment.

❺ Reset Button (Emergency)

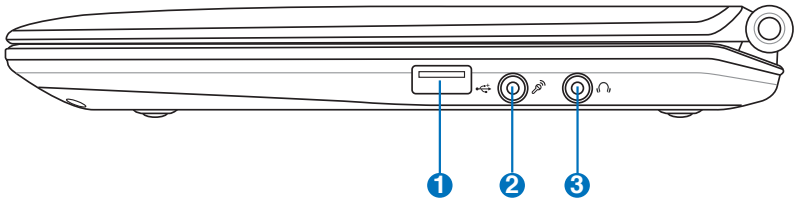
In case your operating system cannot properly turn OFF or restart, the reset button can be depressed with a pin or a straightened paper clip to restart the Eee PC.

❻ Audio Speaker System

The built-in stereo speaker system allows you to hear audio without additional attachments. The multimedia sound system features an integrated digital audio controller that produces rich, vibrant sound (results improved with external stereo headphones or speakers). Audio features are software controlled.

Right Side

Refer to the illustration below to identify the components on this side of the Eee PC.



1 **USB Port (2.0/1.1)**

The USB (Universal Serial Bus) port is compatible with USB 2.0 or USB 1.1 devices such as keyboards, pointing devices, cameras, and storage devices, connected in a series up to 12Mbits/sec (USB 1.1) and 480Mbits/sec (USB 2.0). Also, the USB supports hot-swapping function.

2 **Microphone Jack**

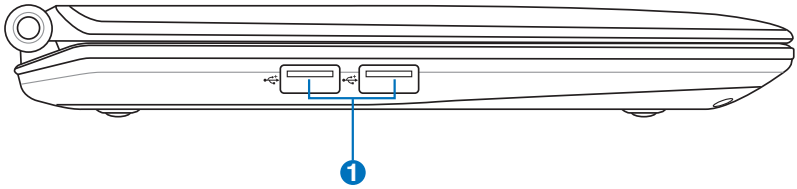
The microphone jack is designed to connect the microphone used for Skype, voice narrations, or simple audio recordings.

3 **Headphone Output Jack**

The ⅛" stereo headphone jack (3.5mm) connects the Eee PC's audio out signal to amplified speakers or headphones. Using this jack automatically disables the built-in speakers.

Left Side

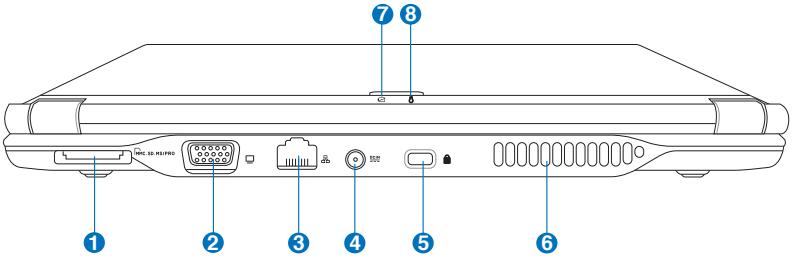
Refer to the illustration below to identify the components on this side of the Eee PC.



1 **USB Port (2.0/1.1)**

Rear Side

Refer to the illustration below to identify the components on this side of the Eee PC.



1 **Memory Card Slot**

The built-in memory card reader can read MMC/SD and MS-PRO cards.

2 **Display (Monitor) Output**

The 15-pin D-sub monitor port supports a standard VGA-compatible device such as a monitor or projector to allow viewing on a larger external display.

3 **LAN Port**

The eight-pin RJ-45 LAN port (10/100M bit) supports a standard Ethernet cable for connection to a local network. The built-in connector allows convenient use without additional adapters.

4 Power (DC) Input

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the Eee PC and charges the internal battery pack. To prevent damage to the Eee PC and battery pack, always use the supplied power adapter.

CAUTION: MAY BECOME WARM TO HOT WHEN IN USE. BE SURE NOT TO COVER THE ADAPTER AND KEEP IT AWAY FROM YOUR BODY.

5 Kensington® Lock Port

The Kensington® lock port allows the Eee PC to be secured using Kensington® compatible security products. These security products usually include a metal cable and lock that prevent the Eee PC to be removed from a fixed object.

6 Air Vents

The air vents allow cool air to enter and warm air to exit the Eee PC.

Ensure that paper, books, clothing, cables, or other objects do not block any of the air vents or else overheating may occur.

7 Battery Charge Indicator

The battery charge indicator (LED) shows the status of the battery's power. Refer to the LED status table on pages 1-3 to 1-4.

8 Power Indicator

The power indicator lights when the Eee PC is turned ON and blinks slowly when the Eee PC is in the Save-to-RAM (Suspend) mode. This indicator is OFF when the Eee PC is turned OFF.

Keyboard Usage

Special Function Keys

The following defines the colored hot keys on the Eee PC's keyboard. The colored commands can only be accessed by first pressing and holding the function key while pressing a key with a colored command. Some function icons appear in the Notification area after activation.

The Hot Key locations on the function keys may vary depending on model but the functions should remain the same. Follow the icons whenever your hot key locations do not match the manual.

zzZ Icon (F1): Places the Eee PC in suspend mode (Save-to-RAM).

Radio Tower (F2): Wireless Models Only: Toggles the internal wireless LAN or Bluetooth (on selected models) ON or OFF with an on-screen-display. When enabled, the corresponding wireless indicator will light.

The default setting is WLAN ON / Bluetooth OFF.

Touchpad (F3): Toggles the touchpad ON/OFF.

Resolution Selection (F4): Press to adjust the display resolution.

Sun Down Icon (F5): Decreases the display brightness.

Sun Up Icon (F6): Increases the display brightness.

Crossed Screen Icon (F7): Turns off the display backlight.

LCD/Monitor Icons (F8): Toggles between the Eee PC's LCD display and an external monitor.

Task Manager Icon (F9): Initiates the Task Manager to view the application process or terminates applications.

Crossed Speaker Icon (F10): Mutes the speaker.

Volume Down Icon (F11): Decreases speaker volume.

Volume Up Icon (F12): Increases the speaker volume.

Num Lk (Insert): Toggles the numeric keypad (number lock) ON and OFF. Allows use of a larger portion of the keyboard for number entering.

Scr Lk (Delete): Toggles the "Scroll Lock" ON and OFF. Allows you to use a larger portion of the keyboard for cell navigation.

Pg Up (↑): Press to scroll up in documents or the web browser.

Pg Dn (↓): Press to scroll down in documents or the web browser.

Home (←): Press to move the pointer to the beginning of the line.

End (→): Press to move the pointer to the end of the line.

Windows icon: Displays the start menu.

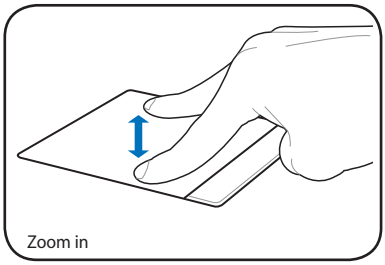
Menu with pointer icon : Activates the properties menu and is equivalent to right-clicking the touchpad/mouse on an object.

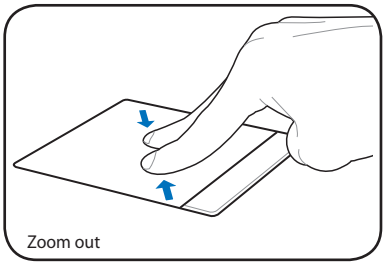
Touchpad Usage

Multi-finger gesture input

Finger gesture	Applications
Two-finger zooming in/out	StarOffice Writer/Impress, Adobe reader, Photomanager

Two-finger zooming in/out - Moving two fingertips apart or together on the touchpad to zoom in or zoom out. This is convenient when viewing photos or reading documents.


Zoom in


Zoom out

Powering on your Eee PC

First-time Startup

Desktop

ASUS Eee PC Tray Utility

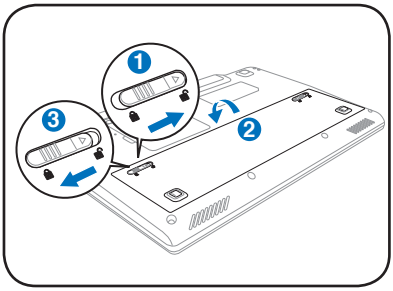
Network Connection

2 Getting Started

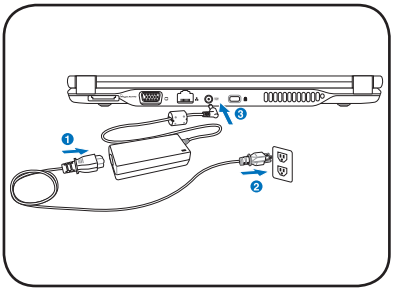
Powering on your Eee PC

These are only quick instructions for using your Eee PC.

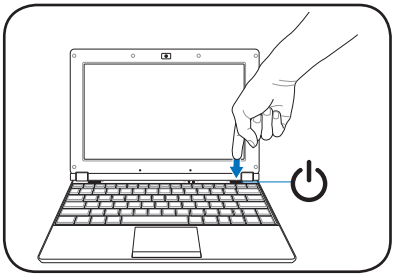
1. Install the battery pack



2. Connect the AC power adapter



3. Turn ON the Eee PC



Damage may occur if you use a different adapter to power the Eee PC. You may damage both your battery pack(s) and the Eee PC with a faulty AC-DC adapter.

- When you open the display panel, do not force it down to the table or else the hinges may break! Never lift the Eee PC by the display panel!
- Only use battery packs and power adapters supplied with this Eee PC or specifically approved by the manufacturer or retailer for use with this model or else damage may occur to the Eee PC. The output voltage of this adapter is +12Vdc, 3A.
- Never attempt to remove the battery pack while the Eee PC is turned ON, as this may result in the loss of working data.

Remember to fully charge the battery (8 hours or more) before first use and whenever it is depleted to prolong battery life. The battery reaches its maximum capacity after a few full charging and discharging cycles.

First-time Startup

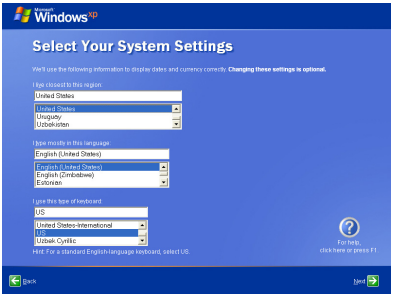
For the first time you start your Eee PC, the Windows wizard will launch automatically and lead you through setting up your preferences and some basic information.

Follow the wizard instructions to finish the initialization:

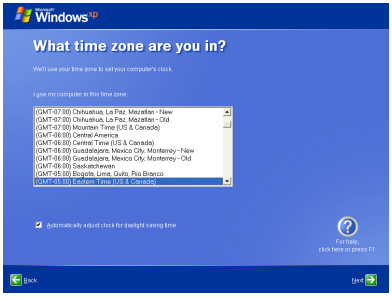
1. The **Welcome** message appears. Click **Next** to continue.

Windows XP
Welcome to Microsoft Windows
Thank you for purchasing this computer from ASUS featuring Microsoft Windows XP.
Let's spend a few minutes setting up your computer.
To continue, click Next.
For help, click here or press F1.
Next

2. Select you system settings by specifying the region you are in, the language you use and the keyboard type you use. Click **Next** to continue.



3. Select the time zone you are in and click **Next** to continue.


Windows XP
What time zone are you in?
(GMT-07:00) Chihuahua, La Paz, Mazatlan - New
(GMT-07:00) Chihuahua, La Paz, Mazatlan - Old
(GMT-07:00) Mountain Time (US & Canada)
(GMT-06:00) Central America
(GMT-06:00) Central Time (US & Canada)
(GMT-06:00) Guadalajara, Mexico City, Monterrey - New
(GMT-06:00) Guadalajara, Mexico City, Monterrey - Old
(GMT-06:00) Saskatchewan
(GMT-05:00) Bogota, Lima, Quito, Rio Branco
(GMT-05:00) Eastern Time (US & Canada)
Automatically adjust clock for daylight saving time
For help, click here or press F1.
Back
Next

4. Read the end user license agreement and click **Yes, I accept**. Click **Next** to continue.

Windows XP
The End User License Agreement
Microsoft(R) Windows(R) XP Home Edition
END-USER LICENSE AGREEMENT FOR MICROSOFT SOFTWARE
Do you accept the terms of the EULA?
Yes, I accept
No, I don't accept
For help, click here or press F1.
Back
Next

5. Click **Help protect my PC by turning on Automatic Updates now** to get the latest important updates and click **Next** to continue.

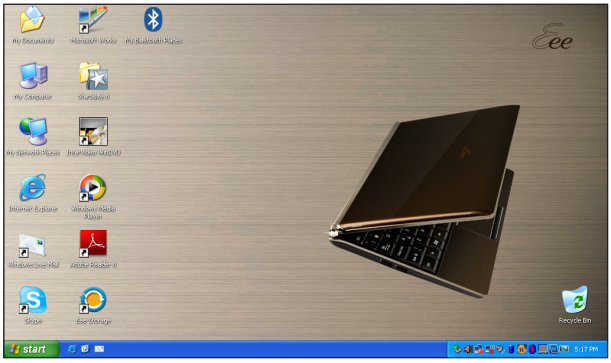
6. Type your computer's name in the **Computer name** box and click **Next** to continue.

Windows XP
Help protect your PC
Help protect my PC by turning on Automatic Updates now
(recommended)
Not right now
No information is collected that can be used to identify you or contact you.
Please read the Windows Update privacy statement
Back
Next

7. Follow the onscreen instructions to register with Microsoft and finish the initialization.

Desktop

There are several shortcuts on the desktop. Double-click them to launch the corresponding applications and enter the specified folders. Some applications would form minimized icons in the Notification area.



The actual Desktop screen may vary according to different models.

ASUS EeePC Tray Utility

The preloaded ASUS EeePC Tray utility allows you to turn off some devices to minimize the power consumption and helps you adjust the display resolution easily.

Enabling and Disabling Devices

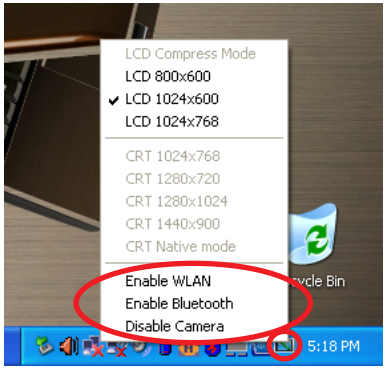
To disable or enable devices

1. Right-click the ASUS EeePC Tray Utility icon in the Notification area and the utility shows the available options:

   Disable WLAN: Turns on and off the wireless LAN connection.

   Disable Blue Tooth: Turns on and off the Bluetooth connection.

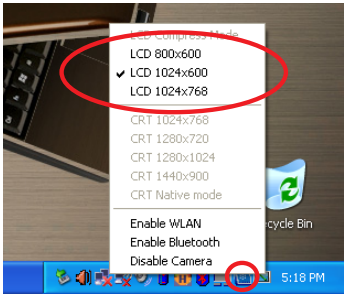
   Disable Camera: Enable or disable the built-in camera.



2. Select an option to turn it on or off based on your needs. The unavailable options are dimmed.

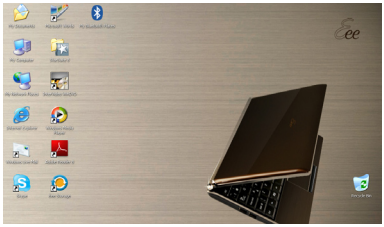
Adjusting the display resolution

Click the ASUS EeePC Tray Utility icon in the Notification area to adjust the display resolution. Select the resolution based on your needs.



The CRT-related options are unavailable when there is no connected external monitors.

When you select **LCD 1024 x 768**, move the pointer to scroll up and down the screen.



Scroll up to see the top of the screen.

Scroll down to see the bottom of the screen.

You need not scroll up and down the screen when you select **LCD Compress Mode**.

When the display mode of your Eee PC is **CRT Only** and the power mode is **Power Saving**, DO NOT use a resolution higher than 1024 x 600 pixels. Doing so would make the connected external monitor function abnormally.

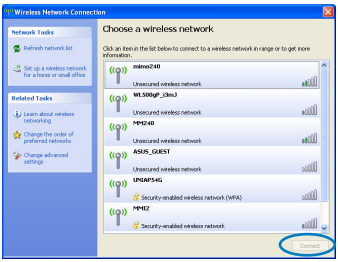
Network Connection

Configuring a wireless network connection

1. Double-click the crossed wireless network icon in the Notification area.

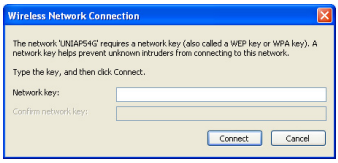
If the wireless connection icon does not show in the Notification area. Activate the wireless LAN function by pressing Fn + F2 (<Fn> + <F2>) before configuring a wireless network connection.

2. Select the wireless access point you want to connect to from the list and click **Connect** to build the connection.



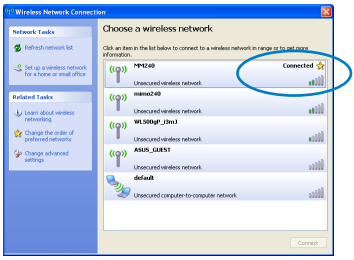
If you cannot find the desired access point, click **Refresh network list** in the left pane and search in the list again.

3. When connecting, you may have to enter a password.


Wireless Network Connection
The network 'UNIAP54G' requires a network key (also called a WEP key or WPA key). A network key helps prevent unknown intruders from connecting to this network.
Type the key, and then click Connect.
Network key:
Confirm network key:
Connect
Cancel

4. After a connection has been established, the connection is shown on the list.

5. You can see the wireless network icon in the Notification area.



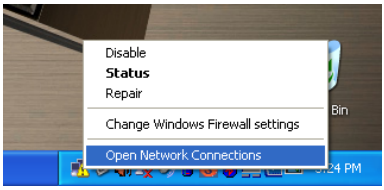
The wireless connection icon disappears when you Press Fn + F2 (<Fn> + <F2>) to disable the WLAN function.

Local Area Network

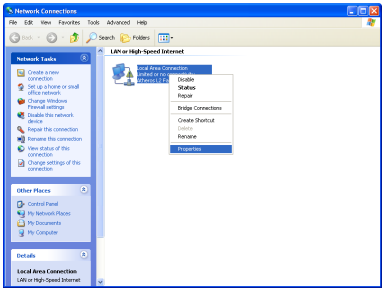
To establish a wired network, follow the instructions below:

Using a dynamic IP:

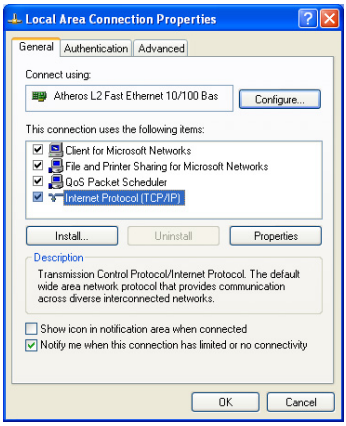
1. Right-click the network icon with a yellow warning triangle on the Windows® taskbar and select **Open Network Connections**.



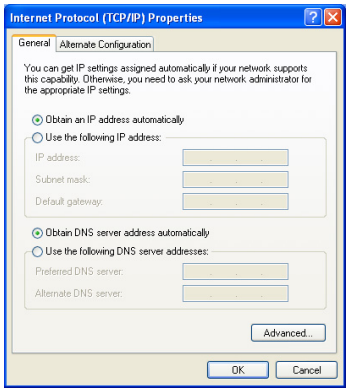
2. Right-click **Local Area Connection** and select **Properties**.



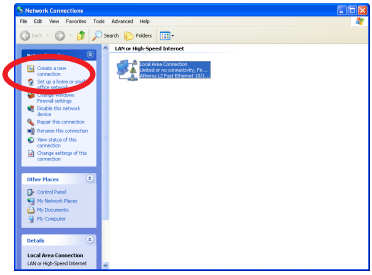
3. Click **Internet Protocol (TCP/IP)** and click **Properties**.



4. Click **Obtain an IP address automatically** and click **OK**.


Internet Protocol (TCP/IP) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

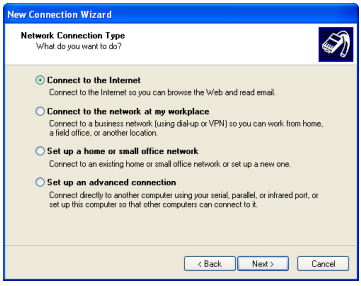
5. Click **Create a new connection** to start the New Connection Wizard.



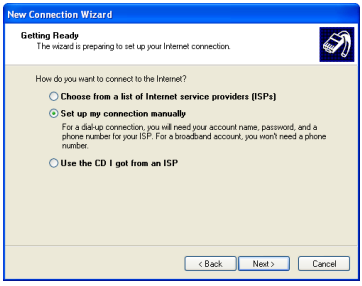
6. Click **Next**.

New Connection Wizard
Welcome to the New Connection Wizard
This wizard helps you:
Connect to the Internet.
Connect to a private network, such as your workplace network.
Set up a home or small office network.
To continue, click Next.
< Back
Next >
Cancel

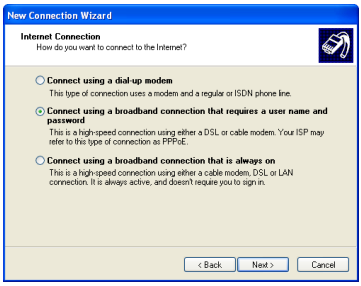
7. Select **Connect to the Internet** and click **Next**.


New Connection Wizard
Network Connection Type
What do you want to do?
Connect to the Internet
Connect to the Internet so you can browse the Web and read email.
Connect to the network at my workplace
Connect to a business network (using dial-up or VPN) so you can work from home, a field office, or another location.
Set up a home or small office network
Connect to an existing home or small office network or set up a new one.
Set up an advanced connection
Connect directly to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.
< Back
Next >
Cancel

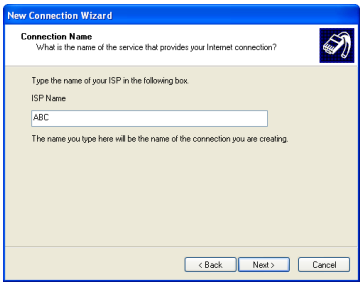
8. Select **Set up my connection manually**.


New Connection Wizard
Getting Ready
The wizard is preparing to set up your Internet connection.
How do you want to connect to the Internet?
Choose from a list of Internet service providers (ISPs)
Set up my connection manually
For a dial-up connection, you will need your account name, password, and a phone number for your ISP. For a broadband account, you won't need a phone number.
Use the CD I got from an ISP
< Back
Next >
Cancel

9. Select your connection type and click **Next**.


New Connection Wizard
Internet Connection
How do you want to connect to the Internet?
Connect using a dial-up modem
This type of connection uses a modem and a regular or ISDN phone line.
Connect using a broadband connection that requires a user name and password
This is a high-speed connection using either a DSL or cable modem. Your ISP may refer to this type of connection as PPPoE.
Connect using a broadband connection that is always on
This is a high-speed connection using either a cable modem, DSL or LAN connection. It is always active, and doesn't require you to sign in.
< Back
Next >
Cancel

10. Enter your ISP Name and click **Next**.


New Connection Wizard
Connection Name
What is the name of the service that provides your Internet connection?
Type the name of your ISP in the following box.
ISP Name
ABC
The name you type here will be the name of the connection you are creating.
< Back
Next >
Cancel

11. Enter your User name and Password. Click **Next**.

New Connection Wizard
Internet Account Information
You will need an account name and password to sign in to your Internet account.
Type an ISP account name and password, then write down this information and store it in a safe place. (If you have forgotten an existing account name or password, contact your ISP.)
User name:
ASUS
Password:
Confirm password:
Use this account name and password when anyone connects to the Internet from this computer
Make this the default Internet connection
< Back
Next >
Cancel

12 Click **Finish** to finish the configuration.

New Connection Wizard
Completing the New Connection Wizard
You have successfully completed the steps needed to create the following connection:
ABC
Make this the default connection
Share with all users of this computer
Use the same user name & password for everyone
The connection will be saved in the Network Connections folder.
Add a shortcut to this connection to my desktop
To create the connection and close this wizard, click Finish.
< Back
Finish
Cancel

13. Enter your user name and password. Click **Connect** to connect to the Internet.

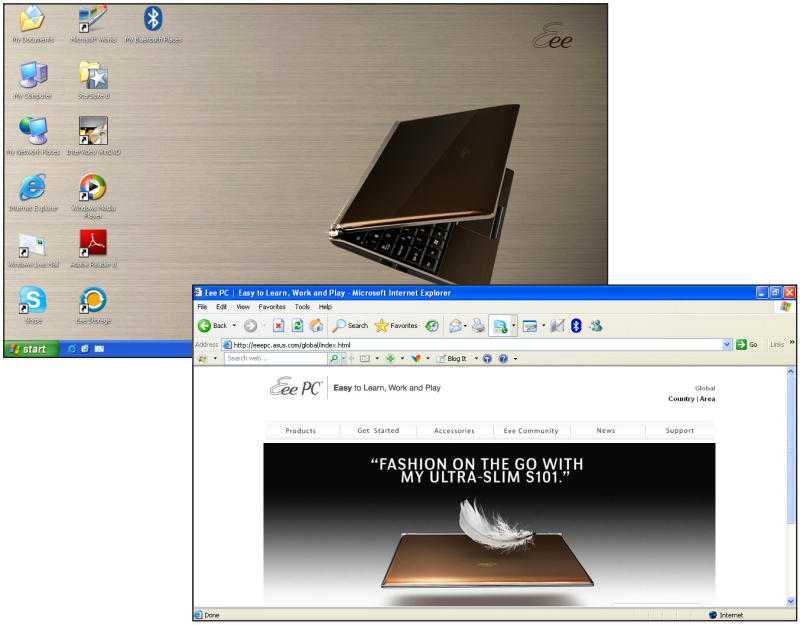
Using a static IP:

1. Repeat the step 1–3 of Using a dynamic IP to start the static IP network configuration.
2 Click **Use the following IP address**.
3. Enter the IP address, Subnet mask and Gateway from your service provider.
4. If needed, enter the preferred DNS Server address and alternative address.
5. After entering all the related values, click **OK** to build the network connection.

Contact your Internet Service Provider (ISP) if you have problems connecting to the network.

Browsing web pages

After you finish the network setup, click **Internet Explorer** on the desktop and start enjoying net surfing.



Visit our Eee PC homepage (**http://eeepc.asus.com**) to obtain the latest information and register at **http://vip.asus.com** for full service of your Eee PC.

ASUS Update

Blutooth Connection

Super Hybrid Engine

Eee Storage

3 Using the Eee PC

ASUS Update

The ASUS Update is a utility that allows you to manage, save, and update the Eee PC BIOS in Windows® environment. The ASUS Update utility allows you to:

- Save the current BIOS file
- Download the latest BIOS file from the Internet
- Update the BIOS from an updated BIOS file
- Update the BIOS directly from the Internet, and
- View the BIOS version information.

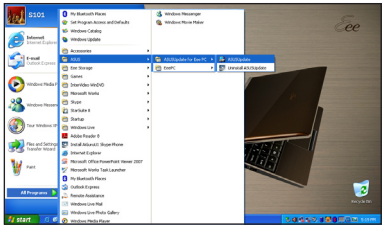
This utility is pre-loaded in your Eee PC and is also available in the support DVD that comes with the Eee PC package.

ASUS Update requires an Internet connection either through a network or an Internet Service Provider (ISP).

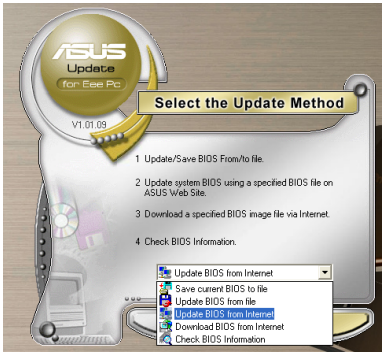
Updating the BIOS through the Internet

To update the BIOS through the Internet:

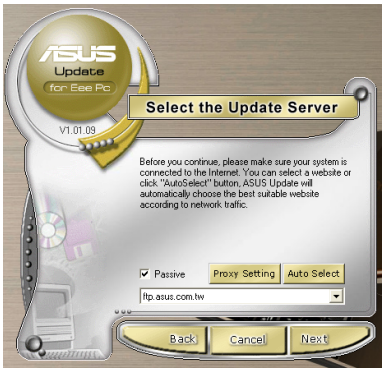
1. Launch the ASUS Update utility from the Windows ® desktop by clicking **Start > All Programs > ASUS > ASUSUpdate for Eee PC> ASUSUpdate**. The ASUS Update main window appears.



2. Select **Update BIOS from Internet** from the drop-down menu, then click **Next**.


ASUS Update
for Eee PC
V1.01.09
Select the Update Method
1 Update/Save BIOS From/to file.
2 Update system BIOS using a specified BIOS file on ASUS Web Site.
3 Download a specified BIOS image file via Internet.
4 Check BIOS Information.
Update BIOS from Internet
Save current BIOS to file
Update BIOS from file
Update BIOS from Internet
Download BIOS from Internet
Check BIOS Information

3. Select the ASUS FTP site nearest you to avoid network traffic, or click **Auto Select**. Click **Next**.
4. From the FTP site, select the desired BIOS version and click **Next**.
5. Follow the screen instructions to complete the update process.

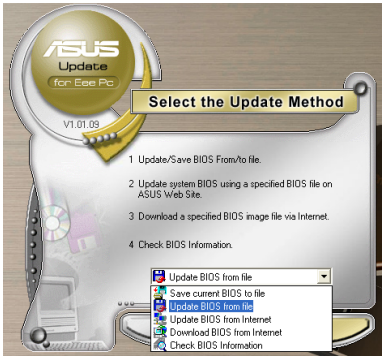

Update
for Eee Pc
V1.01.09
Select the Update Server
Before you continue, please make sure your system is connected to the Internet. You can select a website or click "AutoSelect" button, ASUS Update will automatically choose the best suitable website according to network traffic.
Passive
Proxy Setting
Auto Select
ftp.asus.com.tw
Back
Cancel
Next

The ASUS Update utility is capable of updating itself through the Internet. Always update the utility to avail all its features.

Updating the BIOS through a BIOS file

To update the BIOS through a BIOS file:

1. Launch the ASUS Update utility from the Windows® desktop by clicking **Start > Programs > ASUS > ASUSUpdate for EeePC> ASUSUpdate**. The ASUS Update main window appears.
2. Select **Update BIOS from file** from the drop-down menu, then click **Next**.


Update
for Eee Pc
V1.01.09
Select the Update Method
1 Update/Save BIOS From/to file.
2 Update system BIOS using a specified BIOS file on ASUS Web Site.
3 Download a specified BIOS image file via Internet.
4 Check BIOS Information.
Update BIOS from file
Save current BIOS to file
Update BIOS from file
Update BIOS from Internet
Download BIOS from Internet
Check BIOS Information

3. Locate the BIOS file from the **Open** window, then click **Open**.
4. Follow the screen instructions to complete the update process.

Bluetooth Connection

This device contains FCC ID:TLZ-BT253 and IC ID:6100A-AWBT253.

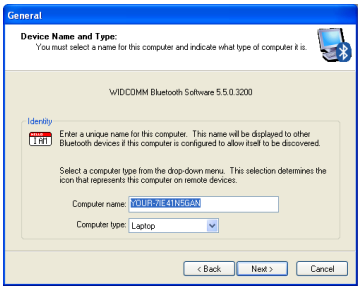
Bluetooth technology eliminates the need for cables for connecting Bluetooth-enabled devices. Examples of Bluetooth-enabled devices may be Notebook PCs, Desktop PCs, mobile phones, and PDAs.

To connect to a Bluetooth-enabled device

1. Press <Fn> + <F2> repeatedly until **Bluetooth ON** or **WLAN & Bluetooth ON** is shown.
2. Click **My Bluetooth Places** on the desktop and follow the onscreen instructions to finish initialization. Click **Next** to continue.

Initial Bluetooth Configuration Wizard
Initial Bluetooth Configuration Wizard
Before you can begin using Bluetooth on this computer you must perform some initial setup. This wizard will help you to configure a basic Bluetooth environment.
You can access the Bluetooth features on this computer through the Bluetooth icon on the desktop or in the system tray. This icon can also appear in the following locations. Select the locations you want the icon to appear and click Next.
Add the icon to the Start menu
Add the icon to the Programs menu
Add the icon to My Computer
< Back
Next >
Cancel

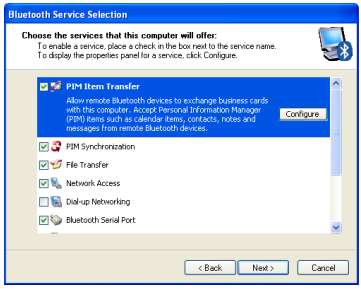
3. Name your Eee PC and select the device type. Click **Next** to continue.


General
Device Name and Type:
You must select a name for this computer and indicate what type of computer it is.
WIDCOMM Bluetooth Software 5.5.0.3200
Identity
Enter a unique name for this computer. This name will be displayed to other Bluetooth devices if this computer is configured to allow itself to be discovered.
Select a computer type from the drop-down menu. This selection determines the icon that represents this computer on remote devices.
Computer name:
Computer type: Laptop
< Back
Next >
Cancel

4. To decide the Bluetooth services this device offers, click **Next** to continue.

Initial Bluetooth Configuration Wizard
Initial Bluetooth Configuration Wizard
To configure the Bluetooth services that this computer will offer to other Bluetooth devices, click Next.
< Back
Next >
Cancel

5. Select the service you would like to offer from the list and click **Next** to continue.


Bluetooth Service Selection
Choose the services that this computer will offer:
To enable a service, place a check in the box next to the service name.
To display the properties panel for a service, click Configure.
PIM Item Transfer
Allow remote Bluetooth devices to exchange business cards with this computer. Accept Personal Information Manager (PIM) items such as calendar items, contacts, notes and messages from remote Bluetooth devices.
Configure
PIM Synchronization
File Transfer
Network Access
Dial-up Networking
Bluetooth Serial Port
< Back
Next >
Cancel

6. Click **Next** to start setting up the Bluetooth connection.

Initial Bluetooth Configuration Wizard
Initial Bluetooth Configuration Wizard
This wizard can help you set up connections to Bluetooth computers, phones, headsets, and so on.
To connect to another Bluetooth device now, make the device discoverable, and then click Next.
(For instructions on how to make the other Bluetooth device discoverable, refer to the user's manual that came with the device.)
To set up connections later, click Skip.
< Back
Next >
Skip
Cancel

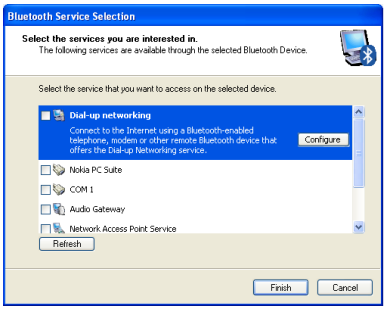
7. Select a Bluetooth-enabled device from the list and click **Next**.

Bluetooth Device Selection
Select a device
Remote devices must be in Discoverable mode for this computer to find them. For assistance in making a remote device discoverable, refer to the remote device's documentation.
AIR_HUANG-NB
asus
BENJAMIN_W-...
Karen
Search Again
Show all devices
If the device you are looking for is not in the list, verify that the device has power and is operational. On some devices, you must press the Connect button to make the device discoverable.
< Back
Next >
Cancel

8. Enter the Bluetooth security code and start pairing.

Bluetooth Security Setup
Bluetooth Pairing
Paired devices exchange a secret key each time they connect. This key is unique for each pair of devices; it is used to verify identity and to encrypt the data that the devices exchange.
Use following PIN Code on Karen to perform Bluetooth Pairing.
683679
< Back
Next >
Cancel

9. After the paired relationship is built, select the service you are interested in from the list and click **Finish** to use the selected service.

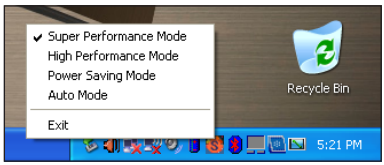

Bluetooth Service Selection
Select the services you are interested in.
The following services are available through the selected Bluetooth Device.
Select the service that you want to access on the selected device.
Dial-up networking
Connect to the Internet using a Bluetooth-enabled telephone, modem or other remote Bluetooth device that offers the Dial-up Networking service.
Configure
Nokia PC Suite
COM 1
Audio Gateway
Network Access Point Service
Refresh
Finish
Cancel

Super Hybrid Engine

Super Hybrid Engine offers different power modes. The assigned instant key toggles power savings between various power saving modes. The power saving modes control many aspects of your Eee PC to maximize performance versus battery time. The selected mode is shown on the display.

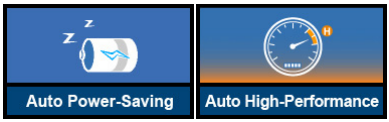
To change the power mode

- Click **start** > **All Programs** > **ASUS** > **EeePC** > **SuperHybridEngine** > **SuperHybridEngine**.
- Press Instant Key 3 repeatedly to switch power modes.
- Right-click the Super Hybrid Engine icon in the Notification area, and select a preferred power mode.



Super Hybrid Engine Modes

Auto High Performance and **Auto Power-Saving** mode are available only when applying or removing the power adapter.



If your external monitor functions abnormally in **Power Saving** mode at a resolution of 1024 x 768 pixels or higher, press <Fn> + <F5> repeatedly to switch the display mode to **LCD Only** or **LCD + CRT Clone** and reset the power mode to **High Performance** or **Super Performance**.

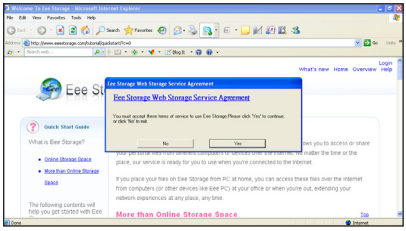
Eee Storage

Eee PC users can enjoy free online space. With Internet connection, you can access and share any files whenever you want and wherever you are.

The content of the free service provided to you is subject to **Eee Storage Web Hard Drive Service Agreement** on Eee Storage official website. Eee Storage reserves the rights to modify or discontinue the provided web storage service with or without further notice. Visit the official website for details.

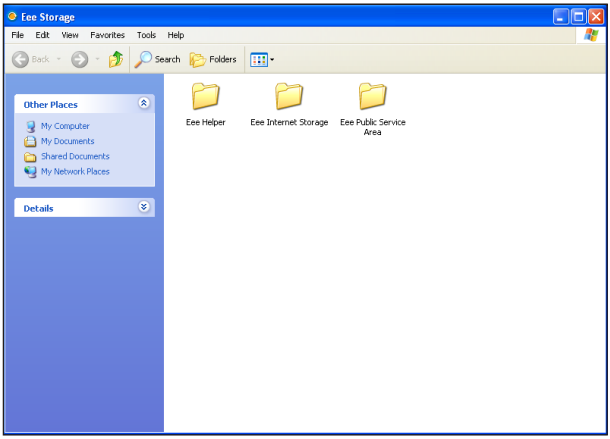
To use Eee Storage

1. Double-click the **Eee Storage** shortcut on the desktop, and read the service agreement before clicking **Yes** to continue.

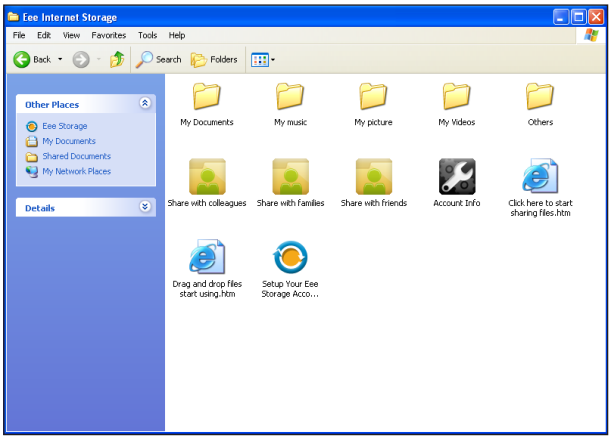


Ensure that your Eee PC is connected to the Internet.

2. Double-click **Eee Internet Storage**.



3. You can easily drag and drop to upload files onto your free online space.



Double-click **Setup Your Eee Storage Account information** in the **Web Storage** folder to apply an account and setup a password if you need to use more advanced functions. This set of account and password is also indispensable when you use Eee Storage service with other computer.

Support DVD information

System Recovery

Boot Booster

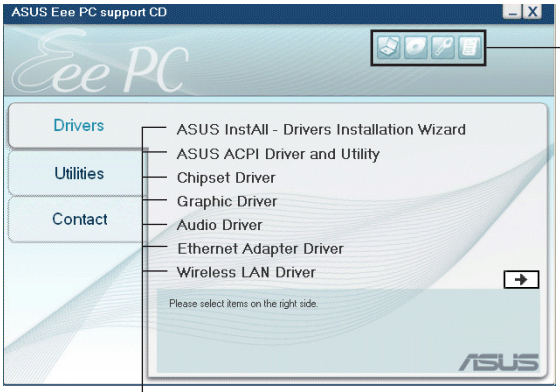
4 Support DVD and System Recovery

Support DVD information

The support DVD that comes with the Eee PC package contains the drivers, software applications, and utilities that you can install to avail all the features.

Running the support DVD

Insert the support DVD in the external optical drive. The DVD automatically displays the Drivers menu if Autorun is enabled in your computer.



If Autorun is NOT enabled in your computer, browse the contents of the support DVD to locate the file ASSETUP.EXE from the BIN folder. Double-click the ASSETUP.EXE file to run the DVD.

The drivers and utilities bundled in the support DVD may vary by models and are subject to change without notice.

Drivers menu

The Drivers menu shows available device drivers when the system detects installed devices. Install the necessary drivers to activate the devices.

Utilities menu

The Utilities menu shows the applications that the Eee PC supports.

Contact

Click the Contact tab to display the ASUS contact information.

Other information

The icons on the top right corner of the screen provide additional information on the Eee PC and the contents of the support DVD. Click an icon to display the specified information.

System information

Technical support

DVD content

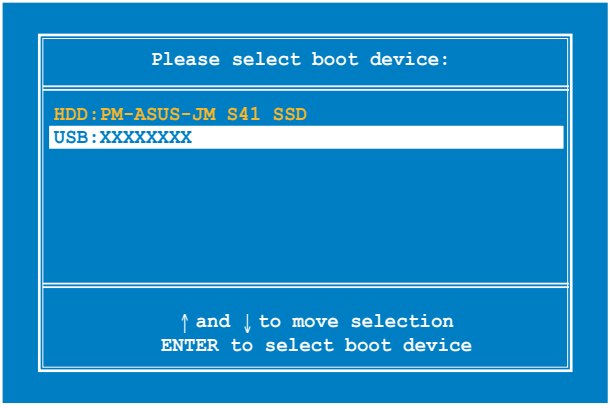
File list

System Recovery

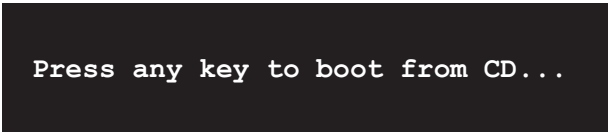
Using the Support DVD

The Support DVD includes an image of the operating system, installed on your system at the factory. The Support DVD provides a comprehensive recovery solution that quickly restores your system to its original working state, provided that your system drive is in good working order. Before using the Support DVD, copy your data files to USB storage devices or to a network drive and make note of any customized configuration settings (such as network settings).

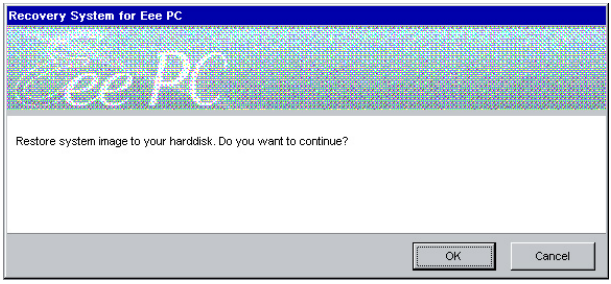
1. Connect an external optical drive to your Eee PC and insert the Support DVD into the optical drive (System needs to be powered ON).
2. Press **<ESC>** on bootup and the **Please select boot device** screen appears. Select USB:XXXXXX (may be labeled as the ODD brand name) to boot from the optical drive.



3. Press any key to boot from the optical drive.

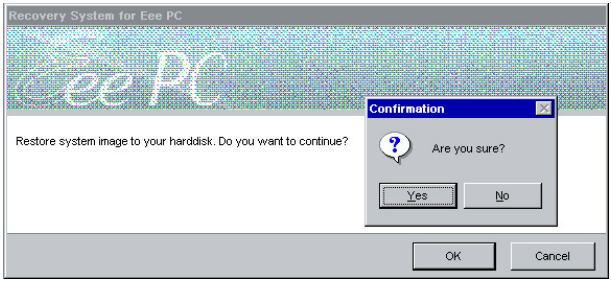


4. Click **OK** in the **Recovery System for Eee PC** dialog box.

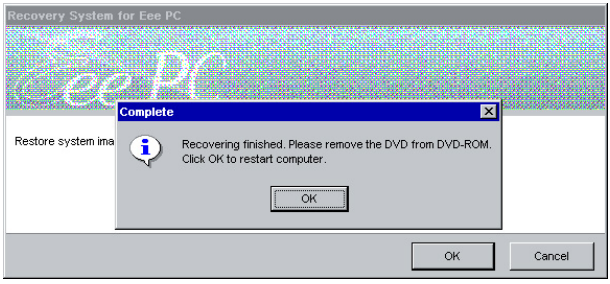


5. Click **Yes** to start the system recovery.

You will lose all your data during the system recovery. Ensure to back up your important data before recovering your system.



6. After the system recovery is completed, eject the the Support DVD from the optical drive and click **OK** to restart the Eee PC.



Using the Recovery Partition

Using System Disk Partition

The Recovery Partition includes an image of the operating system, drivers, and utilities installed on you Eee PC at the factory. The Recovery Partition provides a comprehensive recovery solution that quickly restores your Eee PC's softwrae to its original working state, provided that your system disk drive is in good working order. Before using Recovery Partition, copy your data files to USB storage devices or to a network drive and make note of any customized configuration settings (such as network settings).

Disable **Boot Booster** in BIOS setup before your perform system recovery from USB flash disk, external optical drive or hidden partition. Refer to the end of this chapter for details.

About the Recovery Partition

The Recovery Partition is a space reserved on your system disk drive used to restore the operating system, drivers, and utilities installed on your Eee PC at the factory.

Using the Recovery Partition:

1. Press <F9> during bootup (requires a Recovery Partition)
2. Click the check mark button to start the system recovery.
3. The system starts system recovery automatically and follow the onscreen instructions to complete the recovery process.

For models that come with a multi-language operating system, you need to select a desired display language for your Eee PC during the first run wizard instructions and the display language cannot be altered after the confirmation. The hidden partition only stores the OS file in the selected language and recovers the system in that selected language.

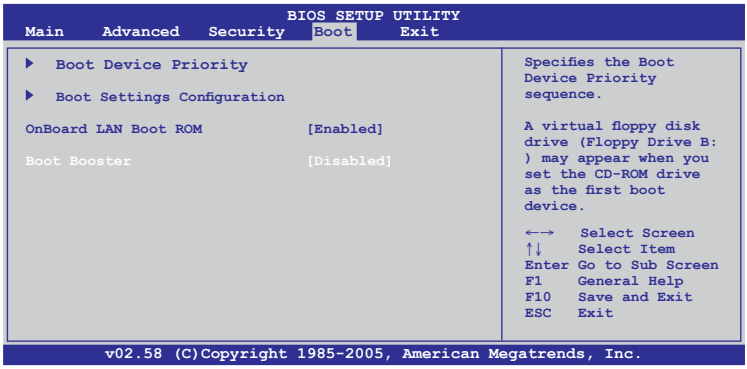
Boot Booster

The Boot Booster item in BIOS setup helps shorten your Eee PC bootup time. However, you MUST disable this BIOS item before you change any Eee PC components or perform system recovery (from USB flash disk, external optical drive or hidden partition). Follow the instructions below to disable Boot Booster:

1. Start the system and press **<F2>** on bootup to show the POST screen. Press **<F2>** again to enter the BIOS setup.

> If you fail to see the POST screen or enter the BIOS setup by doing the instruction above, restart the system and try pressing <F2> repeatedly on bootup.

2. Set **Boot Booster** to [Disabled]


BIOS SETUP UTILITY
Main Advanced Security Boot Exit
Boot Device Priority
Boot Settings Configuration
OnBoard LAN Boot ROM [Enabled]
Boot Booster [Disabled]
Specifies the Boot Device Priority sequence.
A virtual floppy disk drive (Floppy Drive B:) may appear when you set the CD-ROM drive as the first boot device.
←→ Select Screen
↑↓ Select Item
Enter Go to Sub Screen
F1 General Help
F10 Save and Exit
ESC Exit
v02.58 (C)Copyright 1985-2005, American Megatrends, Inc.

3. Press **<F10>** to save the configuration and restart Eee PC.

> Remember to enable Boot Booster after you complete hardware change or system recovery.

Declarations and Safety Statements

Copyright Information

Limitation of Liability

Service and Support

Appendix A

Declarations and Safety Statements

Federal Communications Commission Statement

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The use of a shielded-type power cord is required in order to meet FCC emission limits and to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment. You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

(Reprinted from the Code of Federal Regulations #47, part 15.193, 1993. Washington DC: Office of the Federal Register, National Archives and Records Administration, U.S. Government Printing Office.)

FCC Radio Frequency (RF) Exposure Caution Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment."The manufacture declares that this device is limited to Channels 1 through 11 in the 2.4GHz frequency by specified firmware controlled in the USA."

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Eee PC S101
Max. SAR Measurement (1g)
NE766 SAR Value: 0.013 W/kg
NE771 SAR Value: 0.134 W/kg

Declaration of Conformity (R&TTE directive 1999/5/EC)

The following items were completed and are considered relevant and sufficient:

- Essential requirements as in [Article 3]
- Protection requirements for health and safety as in [Article 3.1a]
- Testing for electric safety according to [EN 60950]
- Protection requirements for electromagnetic compatibility in [Article 3.1b]
- Testing for electromagnetic compatibility in [EN 301 489-1] & [EN 301]
- Testing according to [489-17]
- Effective use of the radio spectrum as in [Article 3.2]
- Radio test suites according to [EN 300 328-2]

CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

IC Radiation Exposure Statement for Canada

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Operation is subject to the following two conditions:

- This device may not cause interference and
- This device must accept any interference, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service (i.e. co-channel Mobile Satellite systems) this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

Eee PC S101 Series
Max. SAR Measurement (1g)
NE766 SAR Value: 0.013 W/kg
NE771 SAR Value: 0.134 W/kg

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA.

This Class [B] digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada

Wireless Operation Channel for Different Domains

N. America	2.412-2.462 GHz	Ch01 through CH11
Japan	2.412-2.484 GHz	Ch01 through Ch14
Europe ETSI	2.412-2.472 GHz	Ch01 through Ch13

France Restricted Wireless Frequency Bands

Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors are:

- 10mW for the entire 2.4 GHz band (2400 MHz–2483.5 MHz)
- 100mW for frequencies between 2446.5 MHz and 2483.5 MHz

Channels 10 through 13 inclusive operate in the band 2446.6 MHz to 2483.5 MHz.

There are few possibilities for outdoor use: On private property or on the private property of public persons, use is subject to a preliminary authorization procedure by the Ministry of Defense, with maximum authorized power of 100mW in the 2446.5–2483.5 MHz band. Use outdoors on public property is not permitted.

In the departments listed below, for the entire 2.4 GHz band:

- Maximum authorized power indoors is 100mW
- Maximum authorized power outdoors is 10mW

Departments in which the use of the 2400–2483.5 MHz band is permitted with an EIRP of less than 100mW indoors and less than 10mW outdoors:

01 Ain Orientales	02 Aisne	03 Allier
05 Hautes Alpes	08 Ardennes	09 Ariège
11 Aude	12 Aveyron	16 Charente
24 Dordogne	25 Doubs	26 Drôme
32 Gers	36 Indre	37 Indre et Loire

41 Loir et Cher	45 Loiret	50 Manche
55 Meuse	58 Nièvre	59 Nord
60 Oise	61 Orne	63 Puy du Dôme
64 Pyrénées Atlantique	66 Pyrénées	67 Bas Rhin
68 Haut Rhin	70 Haute Saône	
71 Saône et Loire	75 Paris	
82 Tarn et Garonne	84 Vaucluse	88 Vosges
89 Yonne	90 Territoire de Belfort	
94 Val de Marne		

This requirement is likely to change over time, allowing you to use your wireless LAN card in more areas within France. Please check with ART for the latest information (www.art-telecom.fr)

Your WLAN Card transmits less than 100mW, but more than 10mW.

UL Safety Notices

Required for UL 1459 covering telecommunications (telephone) equipment intended to be electrically connected to a telecommunication network that has an operating voltage to ground that does not exceed 200V peak, 300V peak-to-peak, and 105V rms, and installed or used in accordance with the National Electrical Code (NFPA 70).

When using the Eee PC modem, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- DO NOT use the Eee PC near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- DO NOT use the Eee PC during an electrical storm. There may be a remote risk of electric shock from lightning.
- DO NOT use the Eee PC in the vicinity of a gas leak.

Required for UL 1642 covering primary (nonrechargeable) and secondary (rechargeable) lithium batteries for use as power sources in products. These batteries contain metallic lithium, or a lithium alloy, or a lithium ion, and may consist of a single electrochemical cell or two or more cells connected in series, parallel, or both, that convert chemical energy into electrical energy by an irreversible or reversible chemical reaction.

- Do not dispose the Eee PC battery pack in a fire, as they may explode. Check with local codes for possible special disposal instructions to reduce the risk of injury to persons due to fire or explosion.
- Do not use power adapters or batteries from other devices to reduce the risk of injury to persons due to fire or explosion. Use only UL certified power adapters or batteries supplied by the manufacturer or authorized retailers.

Power Safety Requirement

Products with electrical current ratings up to 6A and weighing more than 3Kg must use approved power cords greater than or equal to: H05VV-F, 3G, 0.75mm^2 or H05VV-F, 2G, 0.75mm^2.

This symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment, and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

REACH

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at http://green.asus.com/english/REACH.htm.

Nordic Lithium Cautions (for lithium-ion batteries)

CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions. (English)

ATTENZIONE! Rischio di esplosione della batteria se sostituita in modo errato. Sostituire la batteria con un una di tipo uguale o equivalente consigliata dalla fabbrica. Non disperdere le batterie nell'ambiente. (Italian)

VORSICHT! Explosionsgefahr bei unsachgemäßen Austausch der Batterie. Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers. (German)

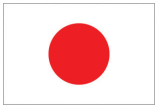
ADVARSELI! Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren. (Danish)

VARNING! Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion. (Swedish)

VAROITUS! Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan sousittelemaan tyyppiin. Hävitä käytetty paristo valmistagan ohjeiden mukaisesti. (Finnish)

ATTENTION! Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du mêre type ou d' un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant. (French)

ADVARSEL! Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner. (Norwegian)



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(Japanese)

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